

# PATENT ABSTRACTS OF JAPAN

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(21)Application number : 2001-029117 (71)Applicant : TAIHEIYO CEMENT CORP  
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## (54) CEMENT CLINKER AND CEMENT COMPOSITION

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a cement clinker having stable quality even using a large amount of an industrial waste consisting essentially of SiO<sub>2</sub> and Al<sub>2</sub>O<sub>3</sub> as raw materials, and to provide a cement composition using the cement clinker.

**SOLUTION:** The cement clinker uses the industrial waste consisting essentially of SiO<sub>2</sub> and Al<sub>2</sub>O<sub>3</sub> as raw materials and has a hydraulic modulus(H.M.) of 1.8-2.3, a silica modulus(S.M.) of 1.3-2.3 and an iron modulus(I.M.) of 1.3-1.8. In the cement composition, gypsum is mixed to the cement clinker so that a total amount of SO<sub>3</sub> is 2.0-5.0 wt.% and the resultant mixture is pulverized or they are separately pulverized and then mixed.

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